

IN THE SPECIFICATION

The specification as amended below with replacement paragraphs shows added text with underlining and deleted text with ~~strikethrough~~.

Please REPLACE the paragraph beginning at page 4, line 20, with the following paragraph:

Namely, all the communications extending over the private IP address network and the global IP address network require terminating on the application layer, and only a specified application (which is generally HTTP) can be routed through the application layer on the proxy server (Proxy.flab.fujitsu.com as named in FIG. 2A) on DMZ (DeMilitarized Zone). Further, the proxy server generally can determine a validity of the communication from a name (which is FQDN (Fully Qualified Domain Name: ~~A.outside.com~~A.outside.com named in FIG. 2A) in URL (Uniform Resource Locator) in the case of HTTP) of the querying destination (the communication destination)).

Please REPLACE the paragraph beginning at page 21, line 2, with the following paragraph:

Next, requirements arising for actualizing the embodiment will respectively be described.

Please REPLACE the paragraph beginning at page 21, line 8, with the following paragraph:

Firstly, in the DNS, in terms of sspecification thereof, a querying source (a communication source) terminal is unable to separately use DNS servers by its being aware of whether a querying destination (a communication destination) terminal resides on the private IP address network or on the global IP address network. Therefore, the DNS server 1 on the private IP address network and a DNS server 5 on the global IP address network are connected to each other on a domain tree.